

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028870.D
 Acq On : 20 May 2022 23:55
 Operator : JC/MD
 Sample : VX0520WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBL02

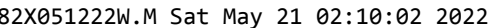
Quant Time: May 21 02:09:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

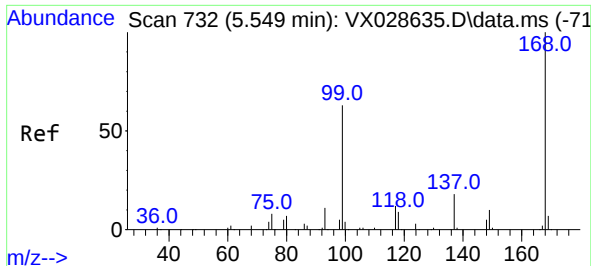
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	316337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	552360	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	489103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	254272	58.639	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	117.280%
35) Dibromofluoromethane	5.391	113	199456	55.114	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	110.220%
50) Toluene-d8	8.653	98	730794	53.561	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.120%
62) 4-Bromofluorobenzene	11.079	95	261395	51.292	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.580%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	1423	Below Cal		86
6) Chloroethane	1.691	64	261	Below Cal	#	61
10) Methyl Iodide	2.465	142	1282	0.304	ug/l #	87
11) Tert butyl alcohol	2.946	59	13344	6.737	ug/l #	74
16) Acetone	2.380	43	1838	0.988	ug/l	92
17) Carbon Disulfide	2.514	76	1838	0.217	ug/l	99
20) Methylene Chloride	2.782	84	810	0.207	ug/l #	84
25) 2-Butanone	4.568	43	1015	0.347	ug/l	89
31) Cyclohexane	5.550	56	6977	1.159	ug/l #	4
36) 1,1-Dichloropropene	5.556	75	26133	4.808	ug/l #	50
38) Carbon Tetrachloride	5.556	117	34571	6.320	ug/l #	16
53) t-1,3-Dichloropropene	8.988	75	163	1.666	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	136864	27.871	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	136864	80.580	ug/l #	15
94) Hexachlorobutadiene	13.725	225	462	0.272	ug/l	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: May 21 02:09:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

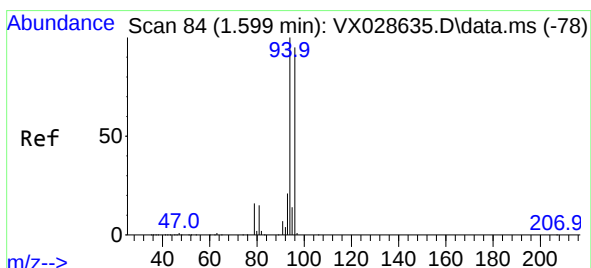
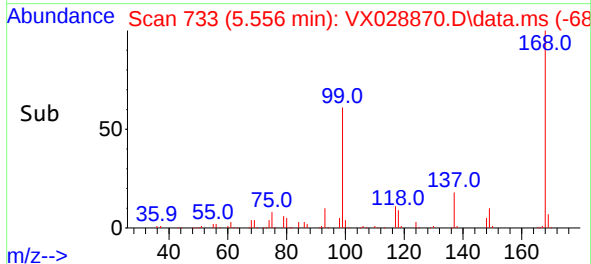
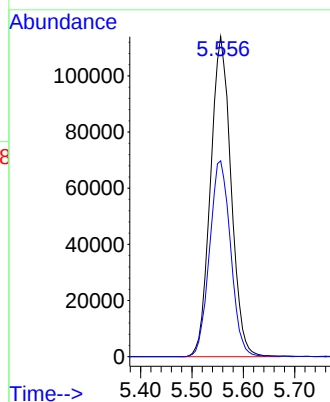
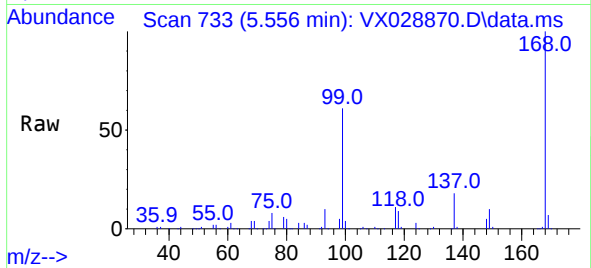




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028870.D
Acq: 20 May 2022 23:55

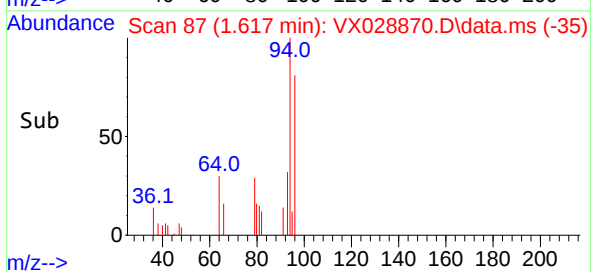
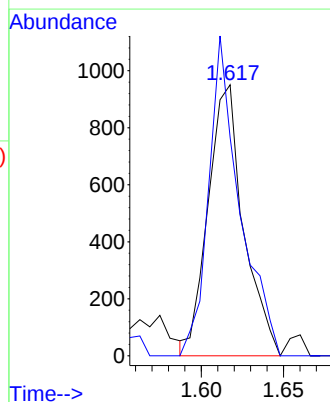
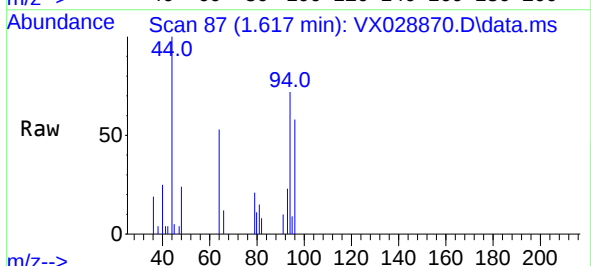
Instrument :
MSVOA_X
ClientSampleId :
VX0520WBL02

Tgt Ion:168 Resp: 316337
Ion Ratio Lower Upper
168 100
99 61.2 41.7 62.5

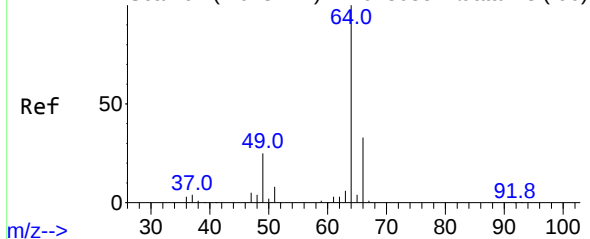


#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX028870.D
Acq: 20 May 2022 23:55

Tgt Ion: 94 Resp: 1423
Ion Ratio Lower Upper
94 100
96 80.5 75.3 112.9



Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)

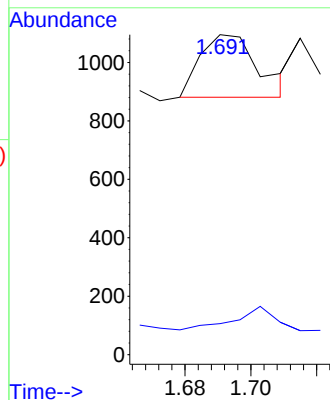
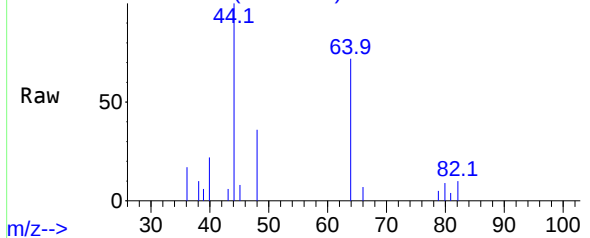


#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 91
Delta R.T. 0.013 min
Lab File: VX028870.D
Acq: 20 May 2022 23:55

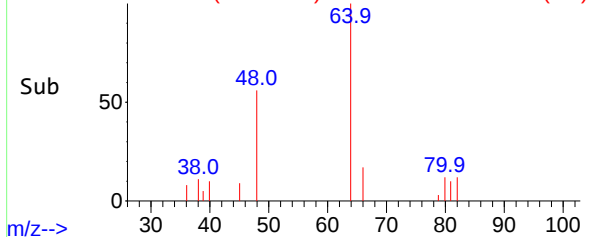
Instrument :
MSVOA_X
ClientSampleId :
VX0520WBL02

Tgt Ion: 64 Resp: 261
Ion Ratio Lower Upper
64 100
66 9.8 25.3 37.9#

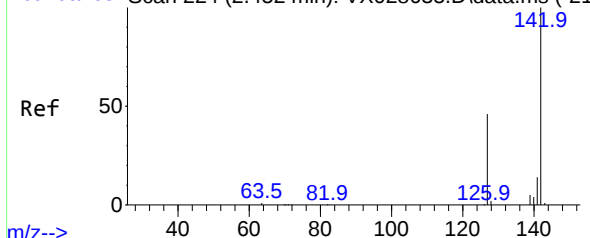
Abundance Scan 99 (1.691 min): VX028870.D\data.ms



Abundance Scan 99 (1.691 min): VX028870.D\data.ms (-48)



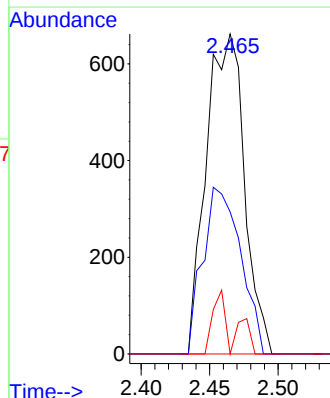
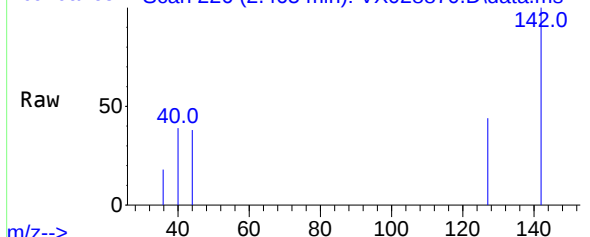
Abundance Scan 224 (2.452 min): VX028635.D\data.ms (-21)



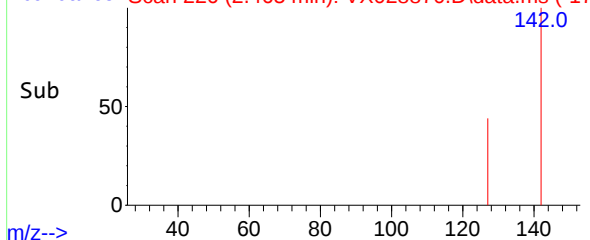
#10
Methyl Iodide
Concen: 0.304 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.013 min
Lab File: VX028870.D
Acq: 20 May 2022 23:55

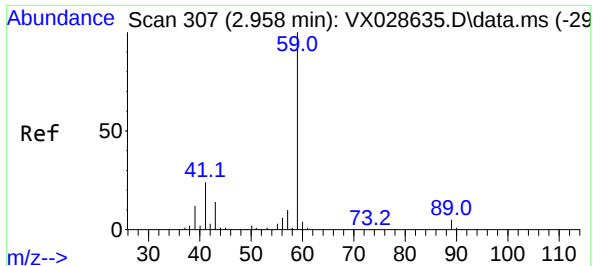
Tgt Ion: 142 Resp: 1282
Ion Ratio Lower Upper
142 100
127 51.7 33.9 50.9#
141 10.3 11.4 17.2#

Abundance Scan 226 (2.465 min): VX028870.D\data.ms



Abundance Scan 226 (2.465 min): VX028870.D\data.ms (-17)





#11

Tert butyl alcohol

Concen: 6.737 ug/l

RT: 2.946 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX028870.D

Acq: 20 May 2022 23:55

Instrument :

MSVOA_X

ClientSampleId :

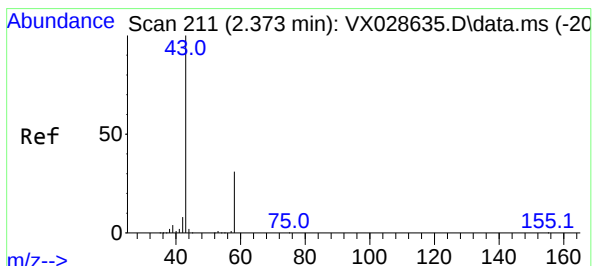
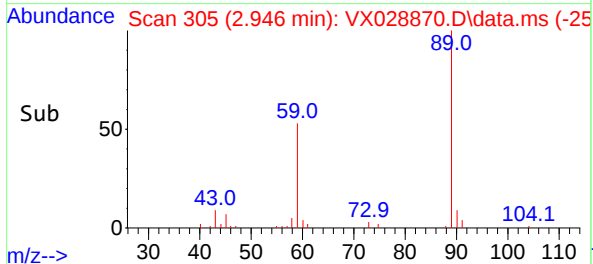
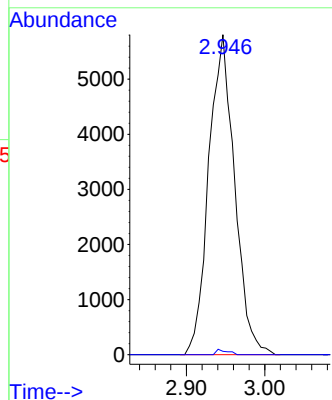
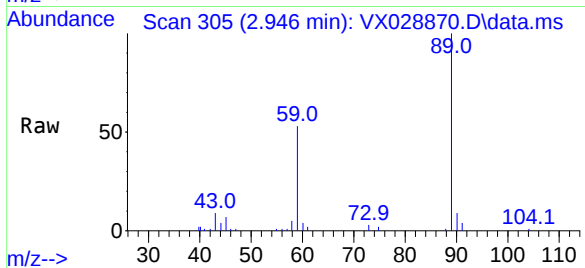
VX0520WBL02

Tgt Ion: 59 Resp: 13344

Ion Ratio Lower Upper

59 100

57 0.7 8.3 12.5#



#16

Acetone

Concen: 0.988 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX028870.D

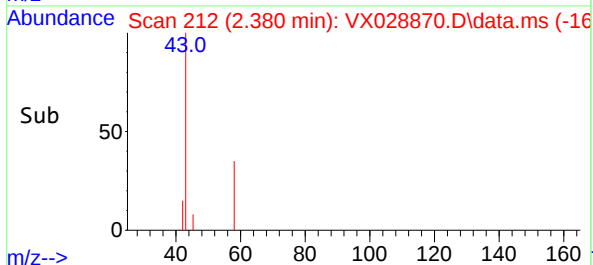
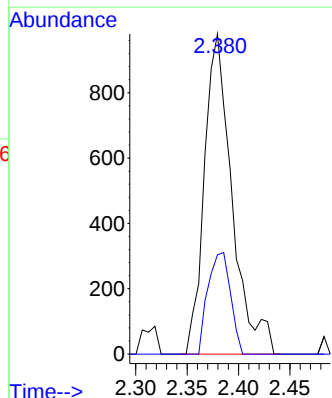
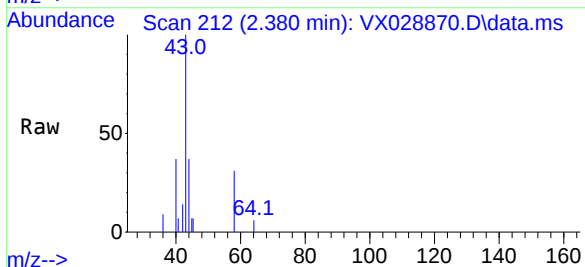
Acq: 20 May 2022 23:55

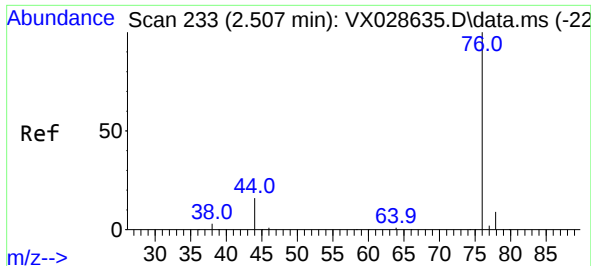
Tgt Ion: 43 Resp: 1838

Ion Ratio Lower Upper

43 100

58 31.0 28.8 43.2

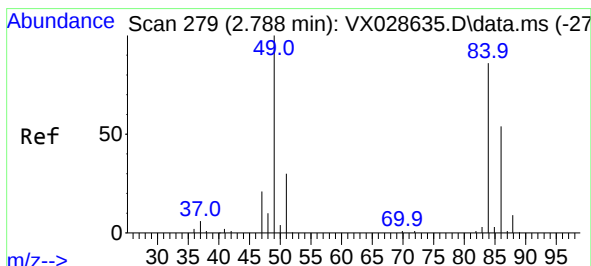
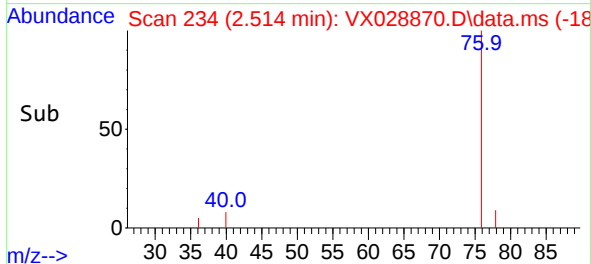
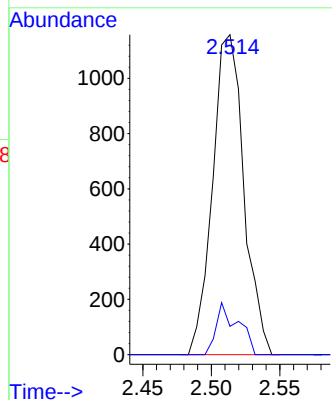
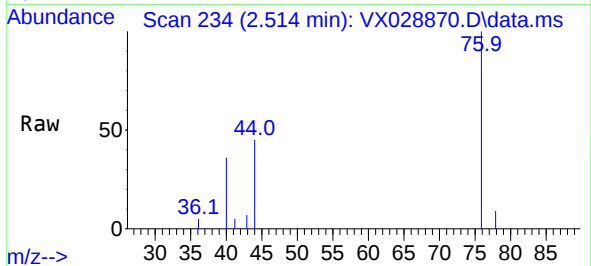




#17
Carbon Disulfide
Concen: 0.217 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX028870.D
Acq: 20 May 2022 23:55

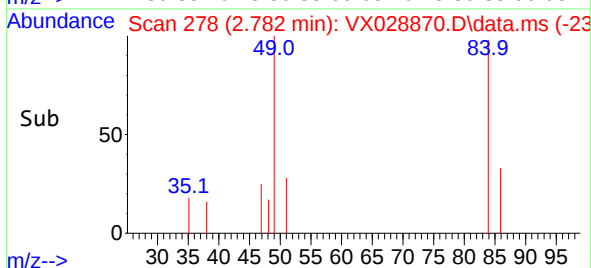
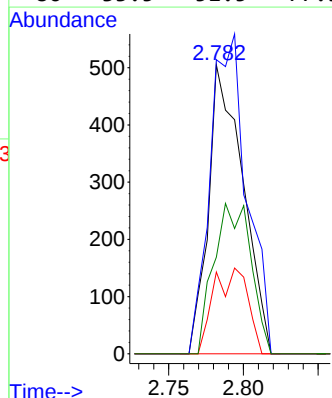
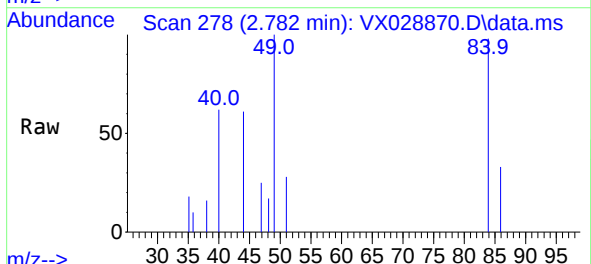
Instrument :
MSVOA_X
ClientSampleId :
VX0520WBL02

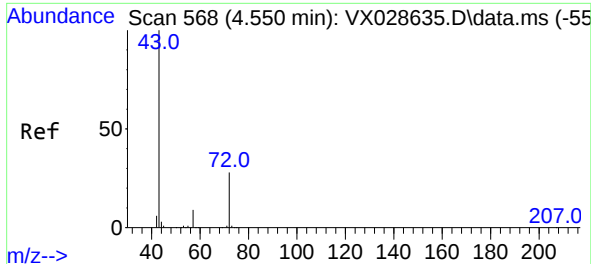
Tgt Ion: 76 Resp: 1838
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#20
Methylene Chloride
Concen: 0.207 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX028870.D
Acq: 20 May 2022 23:55

Tgt Ion: 84 Resp: 810
Ion Ratio Lower Upper
84 100
49 101.8 85.5 128.3
51 28.3 26.6 39.8
86 33.5 51.5 77.3#

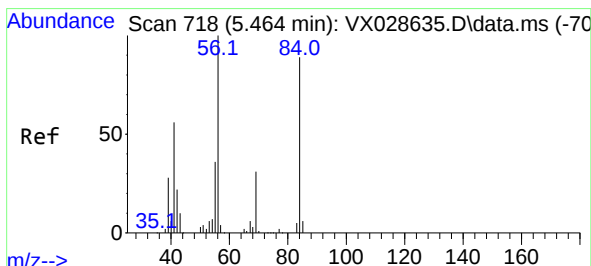
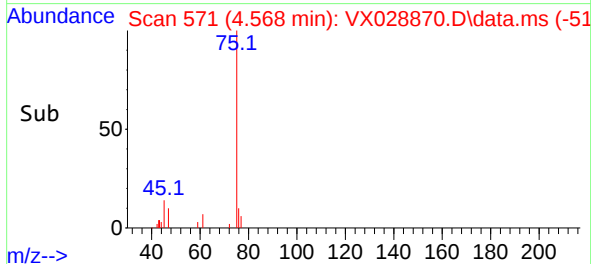
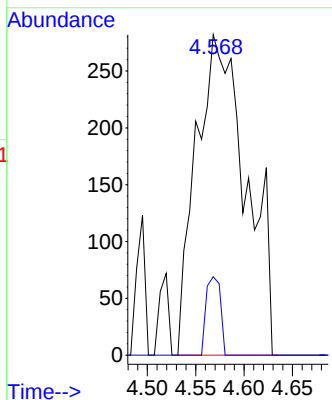
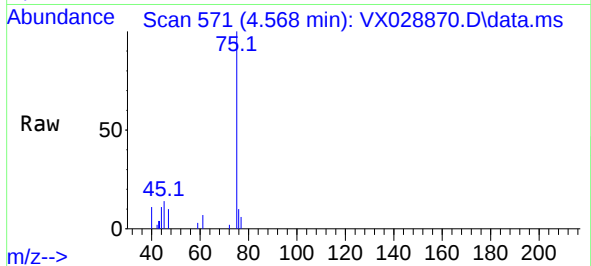




#25
2-Butanone
Concen: 0.347 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX028870.D
Acq: 20 May 2022 23:55

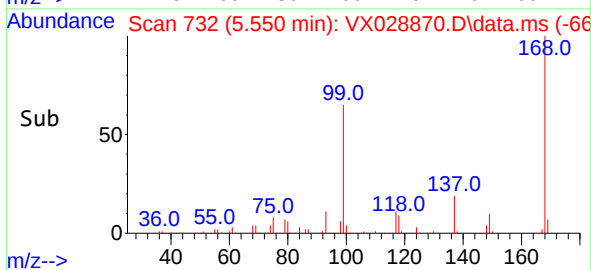
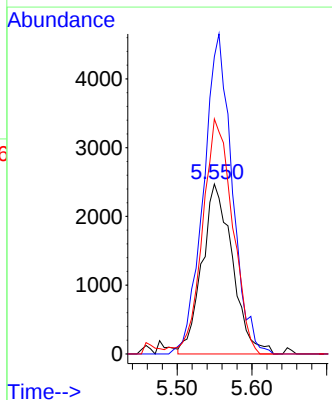
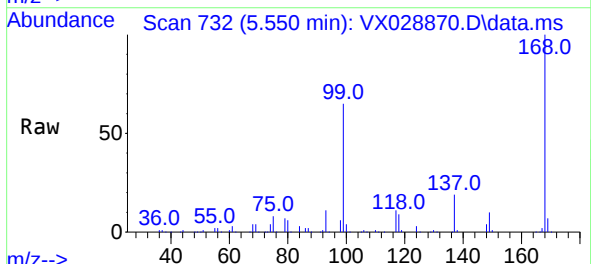
Instrument :
MSVOA_X
ClientSampleId :
VX0520WBL02

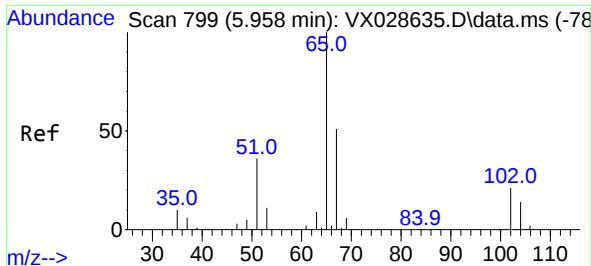
Tgt Ion: 43 Resp: 1015
Ion Ratio Lower Upper
43 100
72 24.5 24.4 36.6



#31
Cyclohexane
Concen: 1.159 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.086 min
Lab File: VX028870.D
Acq: 20 May 2022 23:55

Tgt Ion: 56 Resp: 6977
Ion Ratio Lower Upper
56 100
69 175.0 26.7 40.1#
84 138.3 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 58.639 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028870.D

Acq: 20 May 2022 23:55

Instrument :

MSVOA_X

ClientSampleId :

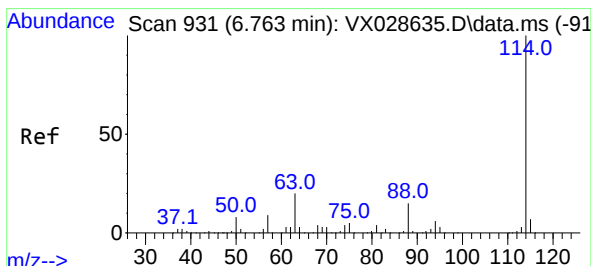
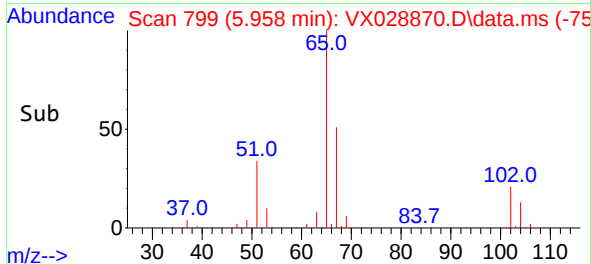
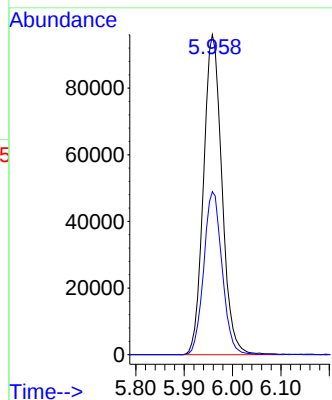
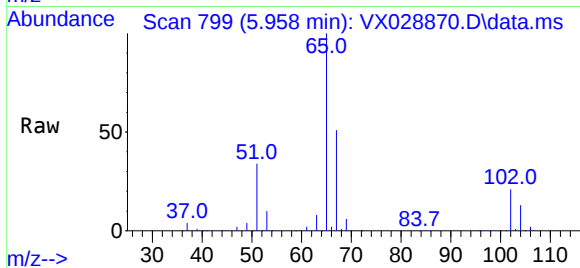
VX0520WBL02

Tgt Ion: 65 Resp: 254272

Ion Ratio Lower Upper

65 100

67 50.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028870.D

Acq: 20 May 2022 23:55

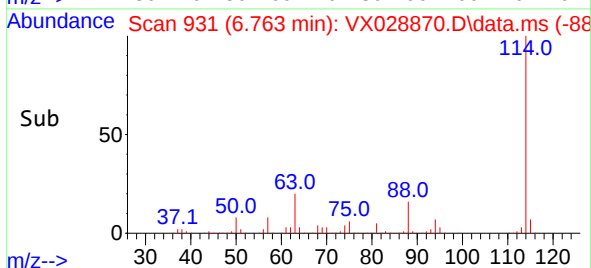
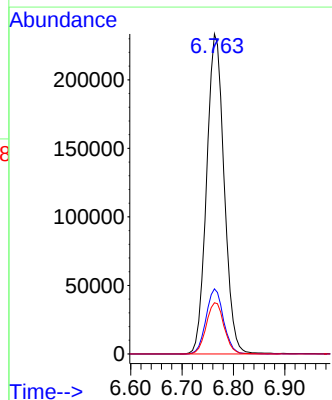
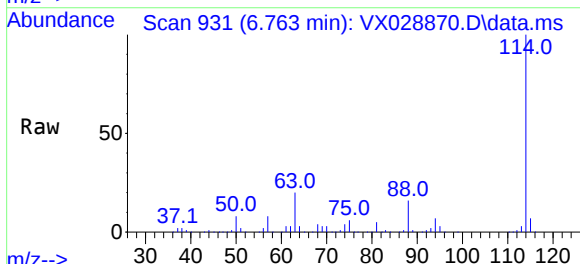
Tgt Ion: 114 Resp: 552360

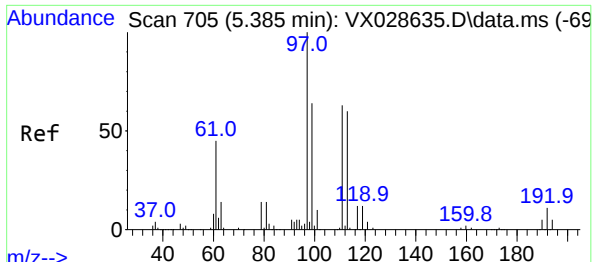
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.8

88 16.0 0.0 32.4

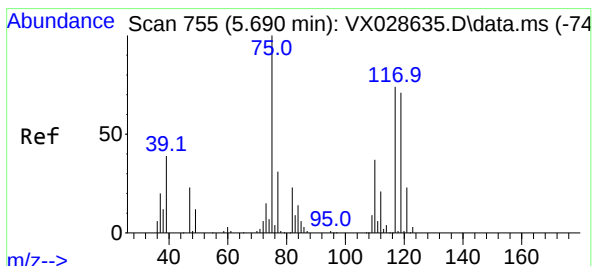
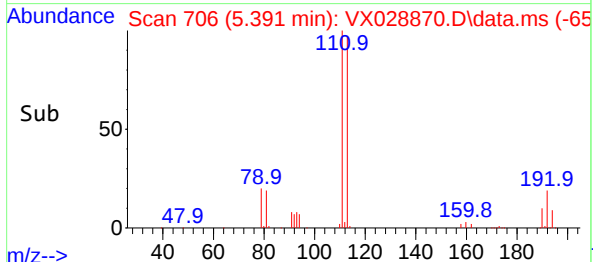
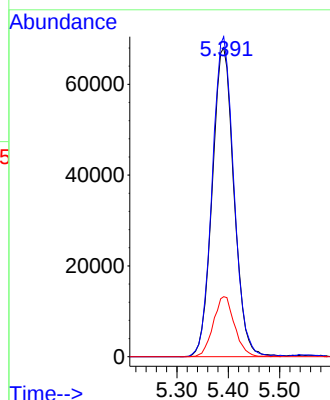
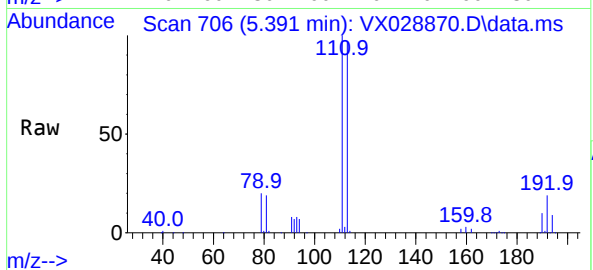




#35
Dibromofluoromethane
Concen: 55.114 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028870.D
Acq: 20 May 2022 23:55

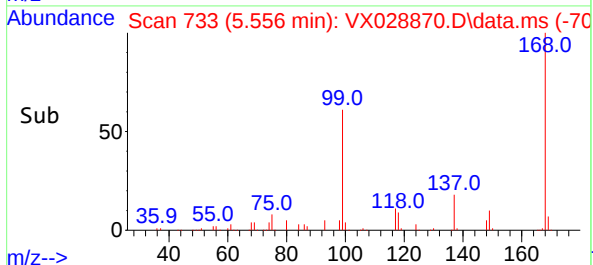
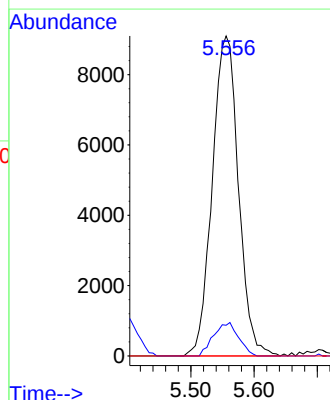
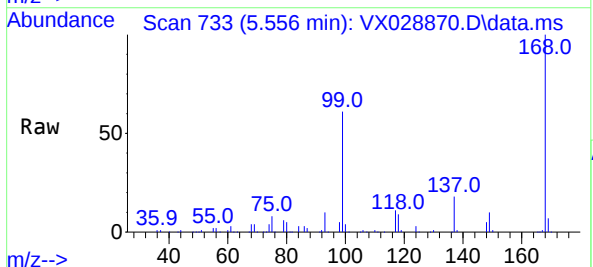
Instrument :
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VX0520WBL02

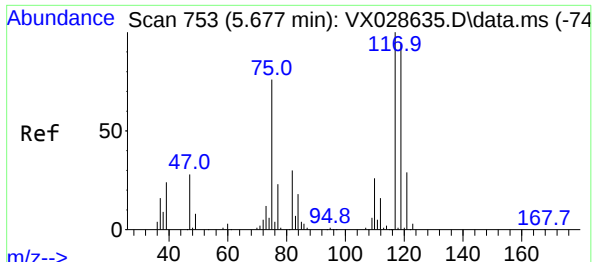
Tgt Ion:113 Resp: 199456
Ion Ratio Lower Upper
113 100
111 103.1 82.8 124.2
192 19.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.808 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX028870.D
Acq: 20 May 2022 23:55

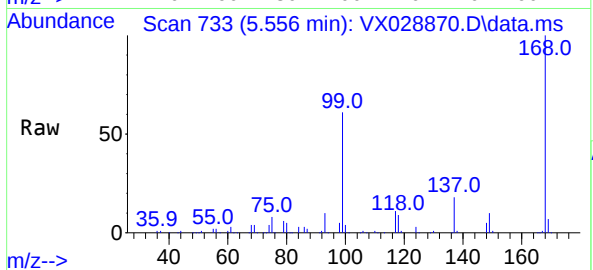
Tgt Ion: 75 Resp: 26133
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 24.8 37.2#



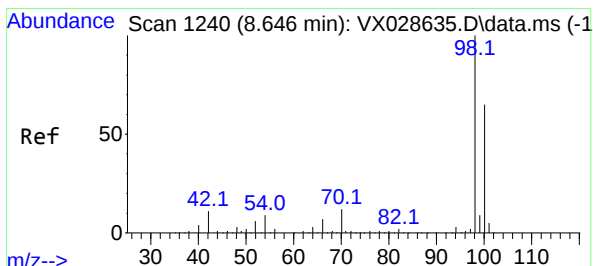
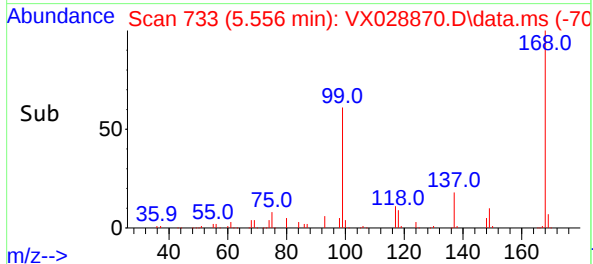
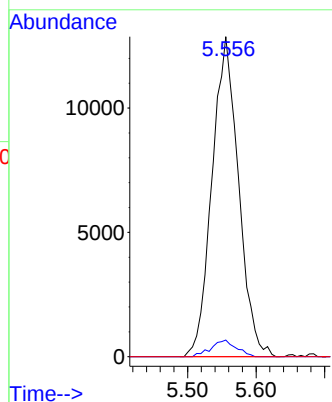


#38
Carbon Tetrachloride
Concen: 6.320 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028870.D
Acq: 20 May 2022 23:55

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBL02

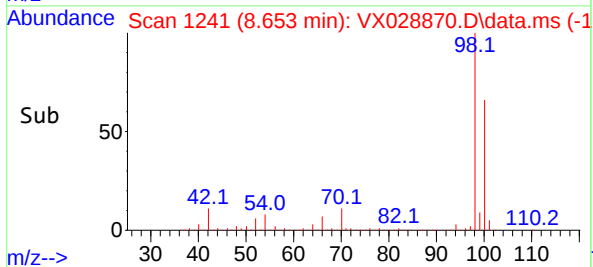
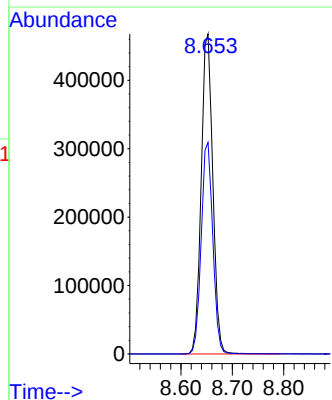
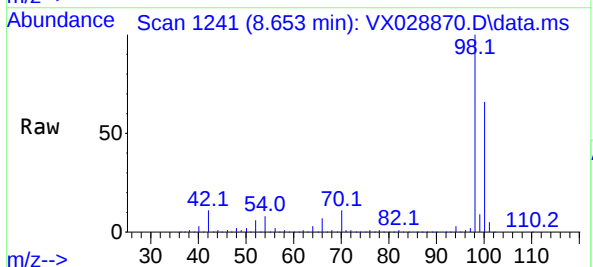


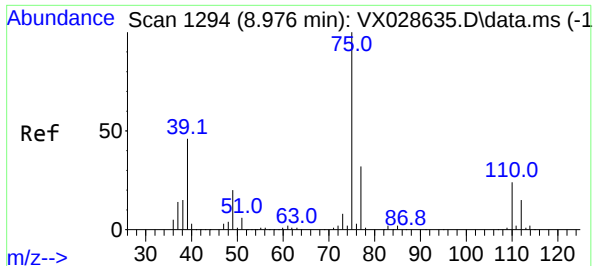
Tgt Ion:117 Resp: 34571
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.561 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028870.D
Acq: 20 May 2022 23:55

Tgt Ion: 98 Resp: 730794
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8





#53

t-1,3-Dichloropropene

Concen: 1.666 ug/l

RT: 8.988 min Scan# 1639

Delta R.T. 0.012 min

Lab File: VX028870.D

Acq: 20 May 2022 23:55

Instrument :

MSVOA_X

ClientSampleId :

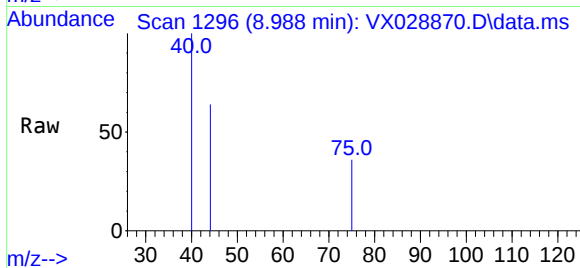
VX0520WBL02

Tgt Ion: 75 Resp: 163

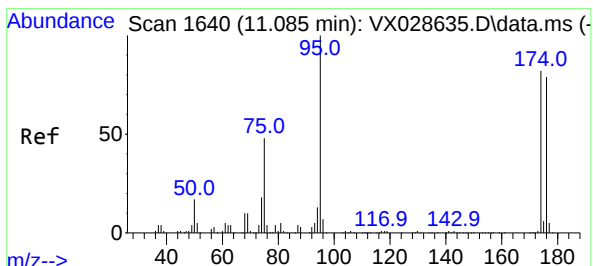
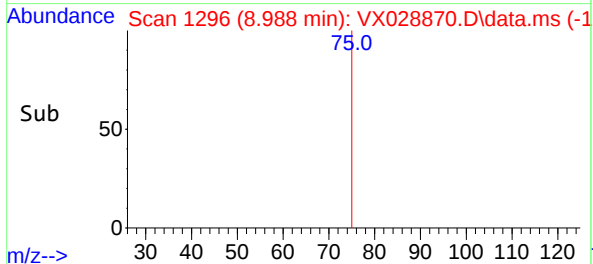
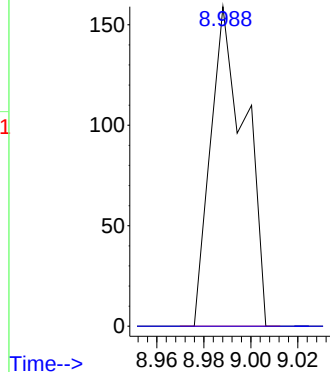
Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#



Abundance



#62

4-Bromofluorobenzene

Concen: 51.292 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX028870.D

Acq: 20 May 2022 23:55

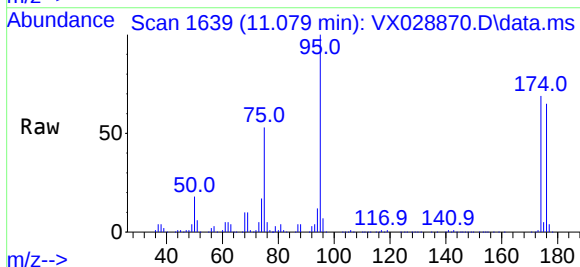
Tgt Ion: 95 Resp: 261395

Ion Ratio Lower Upper

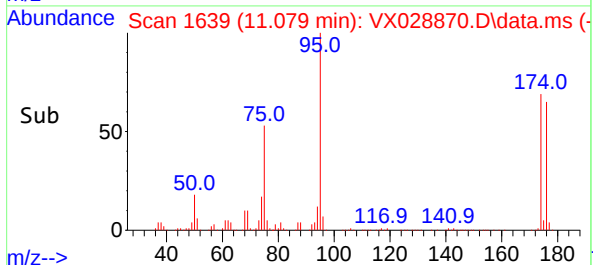
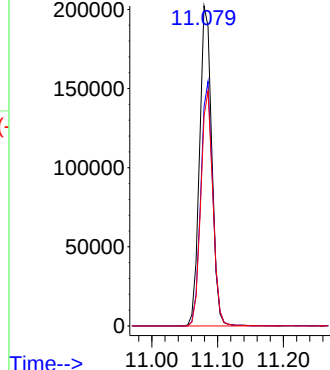
95 100

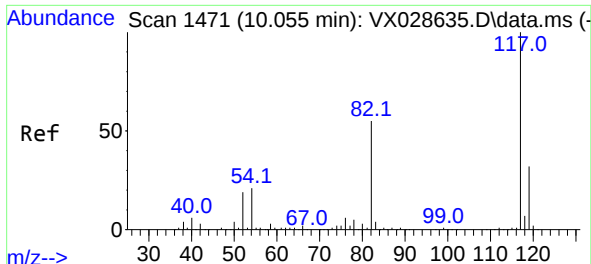
174 74.9 0.0 163.0

176 72.4 0.0 155.0



Abundance

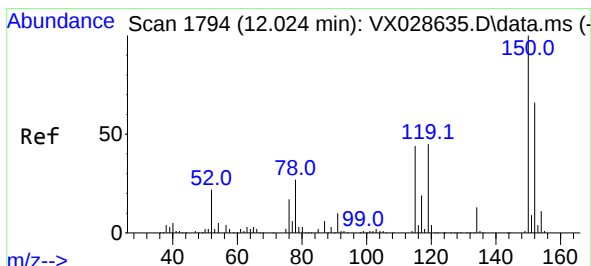
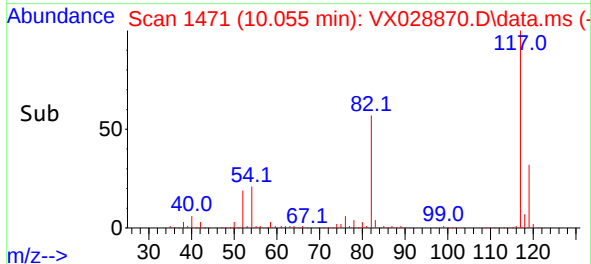
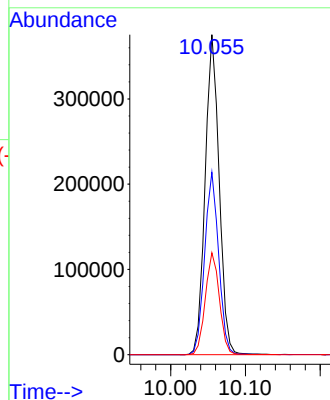
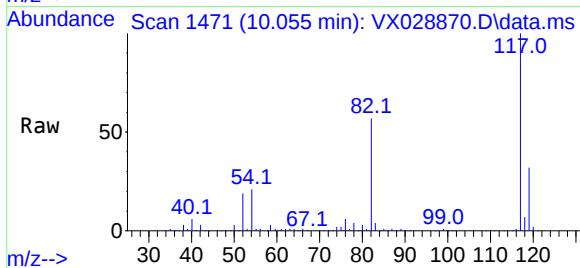




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028870.D
Acq: 20 May 2022 23:55

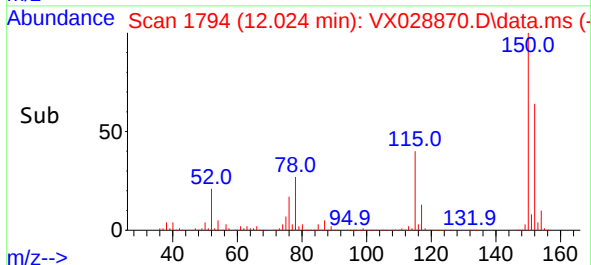
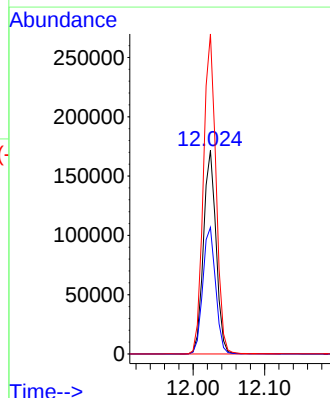
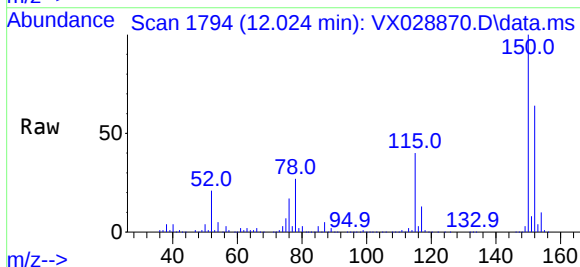
Instrument :
MSVOA_X
ClientSampleId :
VX0520WBL02

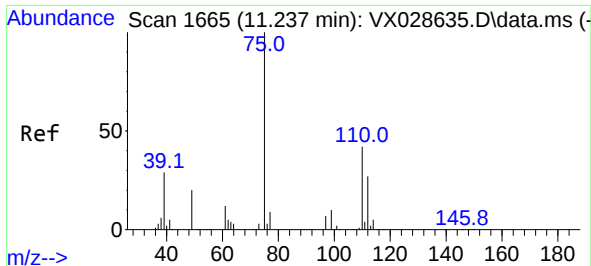
Tgt Ion:117 Resp: 489103
Ion Ratio Lower Upper
117 100
82 57.0 41.8 62.8
119 31.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028870.D
Acq: 20 May 2022 23:55

Tgt Ion:152 Resp: 209686
Ion Ratio Lower Upper
152 100
115 63.5 37.5 112.7
150 158.1 0.0 338.2

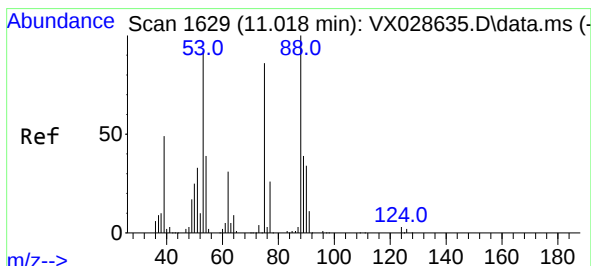
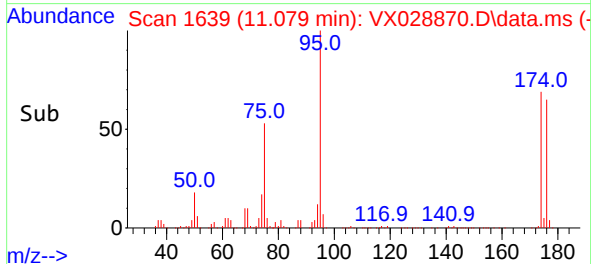
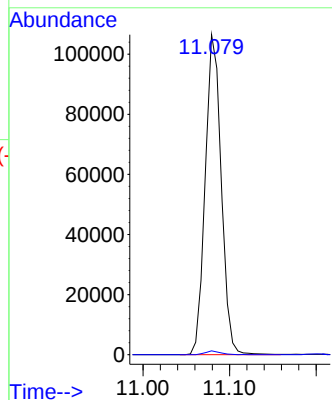
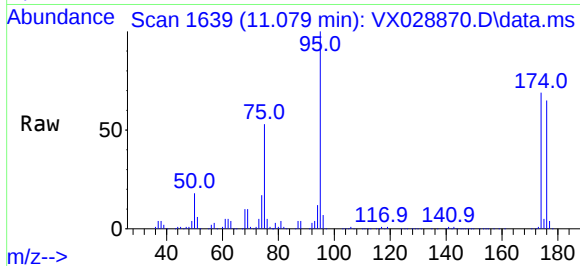




#76
1,2,3-Trichloropropane
Concen: 27.871 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028870.D
Acq: 20 May 2022 23:55

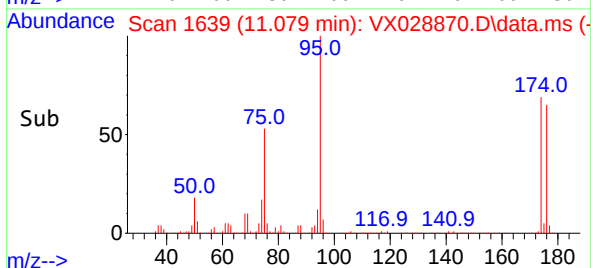
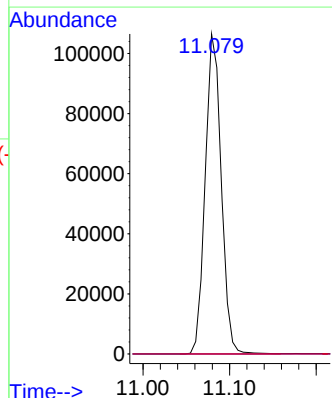
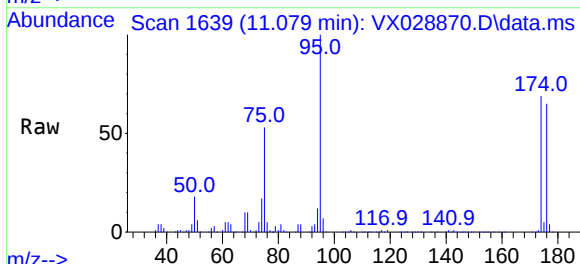
Instrument :
MSVOA_X
ClientSampleId :
VX0520WBL02

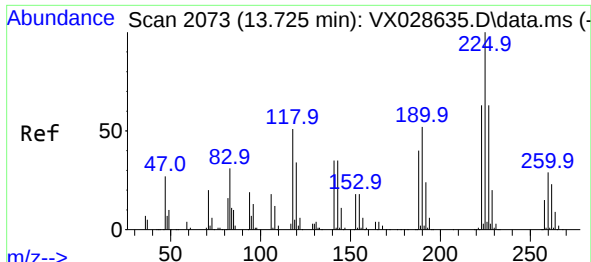
Tgt Ion: 75 Resp: 136864
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.580 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028870.D
Acq: 20 May 2022 23:55

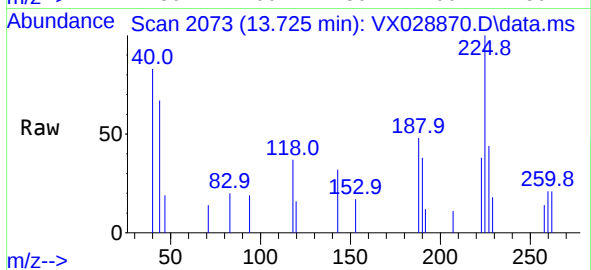
Tgt Ion: 75 Resp: 136864
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#94
Hexachlorobutadiene
Concen: 0.272 ug/l
RT: 13.725 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX028870.D
Acq: 20 May 2022 23:55

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBL02



Tgt Ion:	225	Resp:	462
Ion	Ratio	Lower	Upper
225	100		
223	78.6	34.2	102.5
227	57.6	33.9	101.7

